

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1642BJF

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 JUL 20 Powerful new interactive analysis and visualization software,  
STN AnaVist, now available  
NEWS 4 AUG 11 STN AnaVist workshops to be held in North America  
NEWS 5 AUG 30 CA/CAPLUS -Increased access to 19th century research documents  
NEWS 6 AUG 30 CASREACT - Enhanced with displayable reaction conditions  
NEWS 7 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY  
NEWS 8 OCT 03 MATHDI removed from STN  
NEWS 9 OCT 04 CA/CAPLUS-Canadian Intellectual Property Office (CIPO) added  
to core patent offices  
NEWS 10 OCT 06 STN AnaVist workshops to be held in North America  
NEWS 11 OCT 13 New CAS Information Use Policies Effective October 17, 2005  
NEWS 12 OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download  
of CAPLUS documents for use in third-party analysis and  
visualization tools  
NEWS 13 OCT 27 Free KWIC format extended in full-text databases  
NEWS 14 OCT 27 DIOGENES content streamlined  
NEWS 15 OCT 27 EPFULL enhanced with additional content  
  
NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer  
agreement. Please note that this agreement limits use to scientific  
research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 08:08:06 ON 08 NOV 2005

=> file reg

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

0.21

TOTAL

SESSION

0.21

FILE 'REGISTRY' ENTERED AT 08:08:26 ON 08 NOV 2005  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 6 NOV 2005 HIGHEST RN 866821-44-5  
DICTIONARY FILE UPDATES: 6 NOV 2005 HIGHEST RN 866821-44-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****
```

Structure search iteration limits have been increased. See HELP SLIMITS  
for details.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> E "MEBENDAZOLE"/CN 25

E1	1	MEBAVIN/CN
E2	1	MEBEDROL/CN
E3	1	--> MEBENDAZOLE/CN
E4	1	MEBENDAZOLE NITRATE/CN
E5	1	MEBENFORMIN/CN
E6	1	MEBENIL/CN
E7	1	MEBENIT/CN
E8	1	MEBENOSIDE/CN
E9	1	MEBENVET/CN
E10	1	MEBERYT/CN
E11	1	MEBETIDE/CN
E12	1	MEBETIZOL/CN
E13	1	MEBETIZOLE/CN
E14	1	MEBETUS/CN
E15	1	MEBEVERINE/CN
E16	1	MEBEVERINE HYDROCHLORIDE/CN
E17	1	MEBEX/CN
E18	1	MEBEZONIUM IODIDE/CN
E19	1	MEBHYDROLIN/CN
E20	1	MEBHYDROLIN DISULFONATE/CN
E21	1	MEBHYDROLIN N-OXIDE/CN
E22	1	MEBHYDROLIN NAPADISYLATE/CN
E23	1	MEBHYDROLINE N-OXIDE HYDROCHLORIDE/CN
E24	1	MEBICAR/CN

E25 1 MEBICAR A/CN

=> S E3

L1 1 MEBENDAZOLE/CN

=> DIS L1 1 SQIDE

THE ESTIMATED COST FOR THIS REQUEST IS 6.15 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

RN 31431-39-7 REGISTRY

CN Carbamic acid, (5-benzoyl-1H-benzimidazol-2-yl)-, methyl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Benzimidazolecarbamic acid, 5-benzoyl-, methyl ester (8CI)

OTHER NAMES:

CN (5-Benzoyl-1H-benzimidazol-2-yl)carbamic acid methyl ester

CN 5-Benzoyl-2-benzimidazolecarbamic acid methyl ester

CN Bantenol

CN Besantin

CN Equivurm Plus

CN Lomper

CN **Mebendazole**

CN Mebenvet

CN Mebex

CN Methyl 5-benzoyl-2-benzimidazolecarbamate

CN Methyl 5-benzoyl-2-benzimidazolylcarbamate

CN Noverme

CN NSC 184849

CN Ovitelmin

CN Pantelmin

CN R 17635

CN Telmin

CN Vermicidin

CN Vermirax

CN Vermox

CN Verpanyl

FS 3D CONCORD

DR 52776-90-6

MF C16 H13 N3 O3

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DIOGENES, DRUGU, EMBASE, HSDB\*, IFICDB, IFIPAT, IFIUDB, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, PHAR, PIRA, PROMT, PS, RTECS\*, SPECINFO, TOXCENTER, ULIDAT, USAN, USPATFULL, VETU

(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*, WHO

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

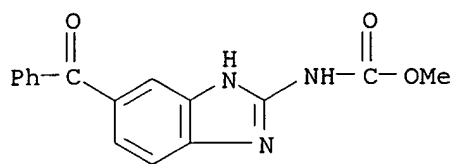
DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PRP (Properties); RACT (Reactant or reagent); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

901 REFERENCES IN FILE CA (1907 TO DATE)  
 16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 901 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus  
 COST IN U.S. DOLLARS  
 FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
6.87	7.08

FILE 'CAPLUS' ENTERED AT 08:09:14 ON 08 NOV 2005  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 8 Nov 2005 VOL 143 ISS 20  
 FILE LAST UPDATED: 7 Nov 2005 (20051107/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l1  
 L2 901 L1

=> s cancer? or tumor? or neoplas?  
 274515 CANCER?  
 407792 TUMOR?  
 428147 NEOPLAS?  
 L3 675215 CANCER? OR TUMOR? OR NEOPLAS?

=> s l3 (1) l2  
 L4 10 L3 (L) L2

=> s apopto? or (cell death)  
 112734 APOPTO?  
 1983301 CELL  
 1742954 CELLS

2634207 CELL  
          (CELL OR CELLS)  
127711 DEATH  
10360 DEATHS  
135132 DEATH  
          (DEATH OR DEATHS)  
53844 CELL DEATH  
          (CELL(W) DEATH)  
L5      135217 APOPTO? OR (CELL DEATH)

=> s l4 not py>2000  
      5160221 PY>2000  
L6      3 L4 NOT PY>2000

=> d ibib 1-3

L6      ANSWER 1 OF 3      CAPLUS      COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER:      1985:571465      CAPLUS  
DOCUMENT NUMBER:      103:171465  
TITLE:                  Computer-assisted structure-anticancer activity  
                          correlations of carbamates and thiocarbamates  
AUTHOR(S):              Nasr, Mohamed; Paull, Kenneth D.; Narayanan, V. L.  
CORPORATE SOURCE:      Starks C. P., Rockville, MD, 20852, USA  
SOURCE:                  Journal of Pharmaceutical Sciences (1985), 74(8),  
                          831-6  
                          CODEN: JPMSAE; ISSN: 0022-3549  
DOCUMENT TYPE:          Journal  
LANGUAGE:              English

L6      ANSWER 2 OF 3      CAPLUS      COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER:      1977:83665      CAPLUS  
DOCUMENT NUMBER:      86:83665  
TITLE:                  Embryotoxic and antimitotic properties of  
                          benzimidazole compounds  
AUTHOR(S):              Delatour, P.; Richard, Y.  
CORPORATE SOURCE:      Lab. Toxicol. Virol., Ec. Natl. Vet. Lyon, Lyons, Fr.  
SOURCE:                  Therapie (1976), 31(4), 505-15  
                          CODEN: THERAP; ISSN: 0040-5957  
DOCUMENT TYPE:          Journal  
LANGUAGE:              French

L6      ANSWER 3 OF 3      CAPLUS      COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER:      1976:144910      CAPLUS  
DOCUMENT NUMBER:      84:144910  
TITLE:                  Embryotoxic and antimitotic properties of  
                          parbendazole, mebendazole and cambendazole  
AUTHOR(S):              Delatour, Paul; Lorgue, Guy; Lapras, Michel; Richard,  
                          Yves  
CORPORATE SOURCE:      Lab. Toxicol., Ec. Natl. Vet. Lyon, Lyons, Fr.  
SOURCE:                  Comptes Rendus des Seances de l'Academie des Sciences,  
                          Serie D: Sciences Naturelles (1976), 282(5), 517-18  
                          CODEN: CHDDAT; ISSN: 0567-655X  
DOCUMENT TYPE:          Journal  
LANGUAGE:              French

=> d ibib abs 1

L6      ANSWER 1 OF 3      CAPLUS      COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER:      1985:571465      CAPLUS  
DOCUMENT NUMBER:      103:171465  
TITLE:                  Computer-assisted structure-anticancer activity  
                          correlations of carbamates and thiocarbamates

AUTHOR(S): Nasr, Mohamed; Paull, Kenneth D.; Narayanan, V. L.  
CORPORATE SOURCE: Starks C. P., Rockville, MD, 20852, USA  
SOURCE: Journal of Pharmaceutical Sciences (1985), 74(8),  
831-6  
CODEN: JPMSAE; ISSN: 0022-3549  
DOCUMENT TYPE: Journal  
LANGUAGE: English

AB With the aid of the computer, .apprx.8000 compds. that incorporate a carbamate or thiocarbamate moiety, which have been tested as potential anticancer agents at the National Cancer Institute (NCI), were classified and their structure-activity correlations against the in vivo P-388 and L-1210 leukemias were evaluated. Aromatic carbamates and thiocarbamates had good activity against P-388 and poor activity against L-1210. The majority of active compds. in this series of aromatic carbamates possessed a 2- or 4-heteroatom-substituted Ph attached to the carbamate O atom or the thiocarbamate S atom with the carbamate N atom as NHMe. The N-Ph carbamates were much less active against P-388 than the Ph carbamates; only bis-N-Ph carbamates with a methylene bridge between the 2 Ph groups showed good activity against both P-388 and L-1210 leukemias. Except for the mycophenolic acid carbamates, the fused Ph carbamates showed poor activity against both P-388 and L-1210 leukemias. Certain N-heterocyclic carbamates and carbamates with heteroatom substituents were selected by the NCI for development toward clin. trials. The nature of the heterocyclic carrier and the position of attachment to the carbamate moiety have a major role on the mode of action of the antitumor activity of these compds.

=> d his

(FILE 'HOME' ENTERED AT 08:08:06 ON 08 NOV 2005)

FILE 'REGISTRY' ENTERED AT 08:08:26 ON 08 NOV 2005  
E "MEBENDAZOLE"/CN 25

L1 1 S E3

FILE 'CAPLUS' ENTERED AT 08:09:14 ON 08 NOV 2005

L2 901 S L1  
L3 675215 S CANCER? OR TUMOR? OR NEOPLAS?  
L4 10 S L3 (L) L2  
L5 135217 S APOPTO? OR (CELL DEATH)  
L6 3 S L4 NOT PY>2000

=> s 15 (1) 12

L7 1 L5 (L) L2

=> d ibib 1

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:69732 CAPLUS

DOCUMENT NUMBER: 139:30325

TITLE: The anthelmintic drug mebendazole induces mitotic arrest and apoptosis by depolymerizing tubulin in non-small cell lung cancer cells

AUTHOR(S): Sasaki, Ji-ichiro; Ramesh, Rajagopal; Chada, Sunil; Gomyo, Yoshihito; Roth, Jack A.; Mukhopadhyay, Tapas

CORPORATE SOURCE: Section of Thoracic Molecular Oncology, Departments of Thoracic and Cardiovascular Surgery, The University of Texas M. D. Anderson Cancer Center, Houston, TX, 77030, USA

SOURCE: Molecular Cancer Therapeutics (2002), 1(13), 1201-1209  
CODEN: MCTOCF; ISSN: 1535-7163

PUBLISHER: American Association for Cancer Research

DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s l4 not py>2001  
4214799 PY>2001  
L8 3 L4 NOT PY>2001

=> s l4 not py>2002  
3226675 PY>2002  
L9 5 L4 NOT PY>2002

=> d ibib 1-2

L9 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 2003:69732 CAPLUS  
DOCUMENT NUMBER: 139:30325  
TITLE: The anthelmintic drug mebendazole induces mitotic  
arrest and apoptosis by depolymerizing tubulin in  
non-small cell lung cancer cells  
AUTHOR(S): Sasaki, Ji-ichiro; Ramesh, Rajagopal; Chada, Sunil;  
Gomyo, Yoshihito; Roth, Jack A.; Mukhopadhyay, Tapas  
CORPORATE SOURCE: Section of Thoracic Molecular Oncology, Departments of  
Thoracic and Cardiovascular Surgery, The University of  
Texas M. D. Anderson Cancer Center, Houston, TX,  
77030, USA  
SOURCE: Molecular Cancer Therapeutics (2002), 1(13), 1201-1209  
CODEN: MCTOCF; ISSN: 1535-7163  
PUBLISHER: American Association for Cancer Research  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 2002:781148 CAPLUS  
DOCUMENT NUMBER: 138:331299  
TITLE: Mebendazole elicits a potent antitumor effect on human  
cancer cell lines both in vitro and in vivo  
AUTHOR(S): Mukhopadhyay, Tapas; Sasaki, Ji-ichiro; Ramesh,  
Rajagopal; Roth, Jack A.  
CORPORATE SOURCE: Department of Thoracic and Cardiovascular Surgery, The  
University of Texas M. D. Anderson Cancer Center,  
Houston, TX, 77030, USA  
SOURCE: Clinical Cancer Research (2002), 8(9), 2963-2969  
CODEN: CCREF4; ISSN: 1078-0432  
PUBLISHER: American Association for Cancer Research  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s pctfull  
0 PCTFULL  
L10 0 PCTFULL

=> file pctfull  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
31.75	38.83

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.73	-0.73

FILE 'PCTFULL' ENTERED AT 08:14:06 ON 08 NOV 2005  
 COPYRIGHT (C) 2005 Univentio

FILE LAST UPDATED: 2 NOV 2005 <20051102/UP>  
 MOST RECENT UPDATE WEEK: 200543 <200543/EW>  
 FILE COVERS 1978 TO DATE

>>> IMAGES ARE AVAILABLE ONLINE AND FOR EMAIL-PRINTS <<<

>>> KWIC format free of charge - SEE NEWS >>>

=> s mebendazole/cn  
 'CN' IS NOT A VALID FIELD CODE  
 L11 0 MEBENDAZOLE/CN

=> s mebendazole  
 L12 350 MEBENDAZOLE

=> s cancer? or tumor? or neoplas?  
 72762 CANCER?  
 60978 TUMOR?  
 20988 NEOPLAS?  
 L13 90821 CANCER? OR TUMOR? OR NEOPLAS?

=> s l13 and l12  
 L14 182 L13 AND L12

=> s l12/clm  
 L15 48 (MEBENDAZOLE/CLM)

=> s l13/clm  
 20486 CANCER?/CLM  
 14176 TUMOR?/CLM  
 3390 NEOPLAS?/CLM  
 L16 29499 (CANCER?/CLM OR TUMOR?/CLM OR NEOPLAS?/CLM)

=> s l16 and l15  
 L17 10 L16 AND L15

=> s l17 not py>2001  
 428385 PY>2001  
 L18 1 L17 NOT PY>2001

=> d ibib

L18 ANSWER 1 OF 1 PCTFULL COPYRIGHT 2005 Univentio on STN  
 ACCESSION NUMBER: 1998018610 PCTFULL ED 20020514  
 TITLE (ENGLISH): EMBEDDING AND ENCAPSULATION OF CONTROLLED RELEASE  
 PARTICLES  
 TITLE (FRENCH): INCLUSION ET ENCAPSULATION DE PARTICULES A LIBERATION  
 CONTROLEE  
 INVENTOR(S): VAN LINGERICH, Bernhard, H.  
 PATENT ASSIGNEE(S): VAN LINGERICH, Bernhard, H.  
 LANGUAGE OF PUBL.: English  
 DOCUMENT TYPE: Patent  
 PATENT INFORMATION:

NUMBER	KIND	DATE
--------	------	------

-----



WO 9818610

A1 19980507

DESIGNATED STATES

W:

AU CA JP NO PL US AT BE CH DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE

APPLICATION INFO.:

WO 1997-US18984 A 19971027

PRIORITY INFO.:

US 1996-60/029,038 19961028  
US 1997-60/052,717 19970716

=> d kwic

L18 ANSWER 1 OF 1 PCTFULL COPYRIGHT 2005 Univentio on STN

CLMEN. . . mafenide acetate, magaldrte, magnesium carbonate,  
magnesiumchloride,  
magnesium gluconate, magnesium oxide, other magnesium salts, malathionon,  
manganese salts, manganese, maprotiline hydrochloride, mazindol, measles  
virus  
vaccine, **mebendazole**, mebrotfenin, mecamlamine hydrochloride,  
meclizine  
hydrochloride, meclocycline, meclofenamate sodium, medroxyprogesterone  
acetate, mefenamic acid, megestrol acetate, meglumine, melphalan,  
menadiol  
sodium diphosphate, menadione, menotropine, meperidine, mephenytoin,  
mephobarbital, . . .  
antibiotics, nutritional supplements, enzymes, fonnations  
containing zidovudine, macromolecular polypeptides, aromatic nitro and  
nitroso  
compounds and their metabolites useful as anti-viral and anti  
**tumor** agents, HIV  
protease inhibitors, antibiotics, viruses, pigments, steroids,  
oligopeptides,  
dipeptides, amino acids, flavor components, fragrance components,  
detergents  
and surface-active components, lipid derivatives of. . .

=> d his

(FILE 'HOME' ENTERED AT 08:08:06 ON 08 NOV 2005)

FILE 'REGISTRY' ENTERED AT 08:08:26 ON 08 NOV 2005

E "MEBENDAZOLE"/CN 25

L1 1 S E3

FILE 'CAPLUS' ENTERED AT 08:09:14 ON 08 NOV 2005

L2 901 S L1  
L3 675215 S CANCER? OR TUMOR? OR NEOPLAS?  
L4 10 S L3 (L) L2  
L5 135217 S APOPTO? OR (CELL DEATH)  
L6 3 S L4 NOT PY>2000  
L7 1 S L5 (L) L2  
L8 3 S L4 NOT PY>2001  
L9 5 S L4 NOT PY>2002  
L10 0 S PCTFULL

FILE 'PCTFULL' ENTERED AT 08:14:06 ON 08 NOV 2005

L11 0 S MEBENDAZOLE/CN  
L12 350 S MEBENDAZOLE  
L13 90821 S CANCER? OR TUMOR? OR NEOPLAS?  
L14 182 S L13 AND L12  
L15 48 S L12/CLM

L16 29499 S L13/CLM  
L17 10 S L16 AND L15  
L18 1 S L17 NOT PY>2001

=> s 112/ab  
L19 2 (MEBENDAZOLE/AB)

=> s 119 and 113  
L20 2 L19 AND L13

=> d ibib 1-2

L20 ANSWER 1 OF 2 PCTFULL COPYRIGHT 2005 Univentio on STN  
ACCESSION NUMBER: 2005018623 PCTFULL ED 20050309 EW 200509  
TITLE (ENGLISH): PARENTERAL AND ORAL FORMULATIONS OF BENZIMIDAZOLES  
TITLE (FRENCH): FORMULATIONS PARENTERALES ET ORALES DE BENZIMIDAZOLES  
INVENTOR(S): CHOW, Diana, Shu-Lian, 11730 Winshire Circle, Houston,  
TX 77024, US [CA, US];  
LIANG, Dong, 11504 Ivory Creek Drive, Pearland, TX  
77584, US [US, US]  
PATENT ASSIGNEE(S): THE UNIVERSITY OF HOUSTON, 4800 Calhoun Road, Houston,  
TX 77204, US [US, US], for all designates States except  
US;  
CHOW, Diana, Shu-Lian, 11730 Winshire Circle, Houston,  
TX 77024, US [CA, US], for US only;  
LIANG, Dong, 11504 Ivory Creek Drive, Pearland, TX  
77584, US [US, US], for US only  
AGENT: HIGHLANDER, Steven, L.\$, Fulbright & Jaworski, LLP, 600  
Congress Avenue, Suite 2400, Austin, Texas 78701\$, US  
LANGUAGE OF FILING: English  
LANGUAGE OF PUBL.: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2005018623	A2	20050303

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO  
CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR  
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC  
VN YU ZA ZM ZW

RW (ARIPO):

BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

RW (EAPO):

AM AZ BY KG KZ MD RU TJ TM

RW (EPO):

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR

RW (OAPI):

BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.:

WO 2004-US26168 A 20040812

PRIORITY INFO.:

US 2003-60/640,467 20030813

L20 ANSWER 2 OF 2

ACCESSION NUMBER:

PCTFULL COPYRIGHT 2005 Univentio on STN

2004047842 PCTFULL ED 20040615 EW 200424

TITLE (ENGLISH):

TREATMENT OF IMMUNE SYSTEM DYSFUNCTION

TITLE (FRENCH):

TRAITEMENT D'UN DYSFONCTIONNEMENT DU SYSTEME  
IMMUNITAIRE

INVENTOR(S):

SCHEEPERS, Charles, 101 Lynwool Flats, Hope Street,  
8001 Cape Town, ZA [ZA, ZA]

PATENT ASSIGNEE(S):

MOORE, Bronwyn, 8 Oak Street, 7925 Observatory, ZA [ZA,  
ZA], for all designates States except US;  
MOORE, David, Daniel, 8 Oak Street, 7925 Observatory,  
ZA [ZA, ZA], for all designates States except US;  
SCHEEPERS, Charles, 101 Lynwool Flats, Hope Street,

AGENT: 8001 Cape Town, ZA [ZA, ZA], for US only  
TRUTER, Kenneth, Colin\$, Adams & Adams, 3203 Absa Bank  
Building, Heerengracht, P O Box 1513, 8001 Cape Town\$,  
ZA

LANGUAGE OF FILING: English  
LANGUAGE OF PUBL.: English  
DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE
--------	------	------

WO 2004047842	A1	20040610
---------------	----	----------

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU  
ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC  
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW

RW (ARIPO):

GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

RW (EAPO):

AM AZ BY KG KZ MD RU TJ TM

RW (EPO):

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR

RW (OAPI):

BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

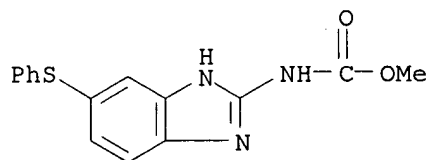
APPLICATION INFO.:

WO 2003-IB3888	A	20030912
----------------	---	----------

PRIORITY INFO.:

ZA 2002-2002/9680		20021128
-------------------	--	----------

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 43210-67-9 REGISTRY  
 CN Carbamic acid, [5-(phenylthio)-1H-benzimidazol-2-yl]-, methyl ester (9CI)  
 (CA INDEX NAME)  
 OTHER NAMES:  
 CN 2-(Methoxycarbonylamino)-5-(phenylthio)benzimidazole  
 CN Febendazole  
 CN Fenbendazol  
 CN **Fenbendazole**  
 CN Fenbion  
 CN HOE 881  
 CN Methyl 5-(phenylthio)-2-benzimidazolecarbamate  
 CN Methyl [5-(phenylthio)-1H-benzimidazol-2-yl]carbamate  
 CN Panacur  
 CN Safe-Guard  
 FS 3D CONCORD  
 DR 53571-02-1  
 MF C15 H13 N3 O2 S  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CHEMCATS,  
 CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB, IFIPAT,  
 IFIUDB, IPA, MEDLINE, MRCK\*, NIOSHTIC, PIRA, PROMT, RTECS\*, SPECINFO,  
 TOXCENTER, ULIDAT, USAN, USPATFULL, VETU  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, WHO  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA CAPLUS document type: Conference; Dissertation; Journal; Patent  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
 PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
 reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical  
 study); BIOL (Biological study); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
 study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP  
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
 reagent); USES (Uses)  
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
 study); BIOL (Biological study); PREP (Preparation); PROC (Process)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

647 REFERENCES IN FILE CA (1907 TO DATE)  
 8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 648 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 31431-39-7 REGISTRY  
CN Carbamic acid, (5-benzoyl-1H-benzimidazol-2-yl)-, methyl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Benzimidazolecarbamic acid, 5-benzoyl-, methyl ester (8CI)

OTHER NAMES:

CN (5-Benzoyl-1H-benzimidazol-2-yl)carbamic acid methyl ester

CN 5-Benzoyl-2-benzimidazolecarbamic acid methyl ester

CN Bantenol

CN Besantin

CN Equivurm Plus

CN Lomper

CN **Mebendazole**

CN Mebenvet

CN Mebex

CN Methyl 5-benzoyl-2-benzimidazolecarbamate

CN Methyl 5-benzoyl-2-benzimidazolylcarbamate

CN Noverme

CN NSC 184849

CN Ovitelmin

CN Pantelmin

CN R 17635

CN Telmin

CN Vermicidin

CN Vermirax

CN Vermox

CN Verpanyl

FS 3D CONCORD

DR 52776-90-6

MF C16 H13 N3 O3

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DIOGENES, DRUGU, EMBASE, HSDB\*, IFICDB, IFIPAT, IFIUDB, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, PHAR, PIRA, PROMT, PS, RTECS\*, SPECINFO, TOXCENTER, ULIDAT, USAN, USPATFULL, VETU

(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*, WHO

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

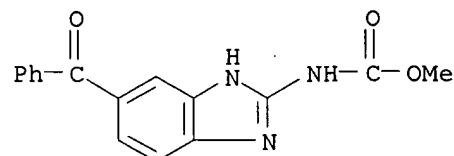
DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PRP (Properties); RACT (Reactant or reagent); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

901 REFERENCES IN FILE CA (1907 TO DATE)

16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

901 REFERENCES IN FILE CAPLUS (1907 TO DATE)